

M 5.4, 116 km SSW of Colonia, Micronesia

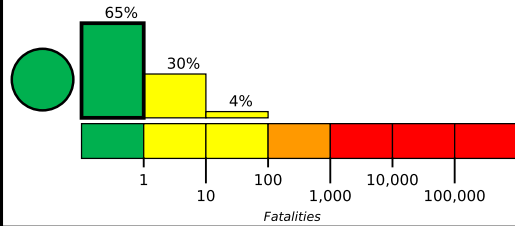
Origin Time: 2021-02-26 07:46:09 UTC (Fri 17:46:09 local)

Location: 8.5330° N 137.7347° E Depth: 10.0 km

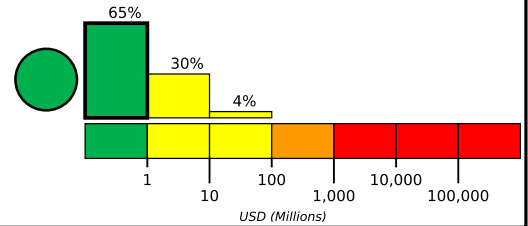
Created: 7 hours, 48 minutes after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

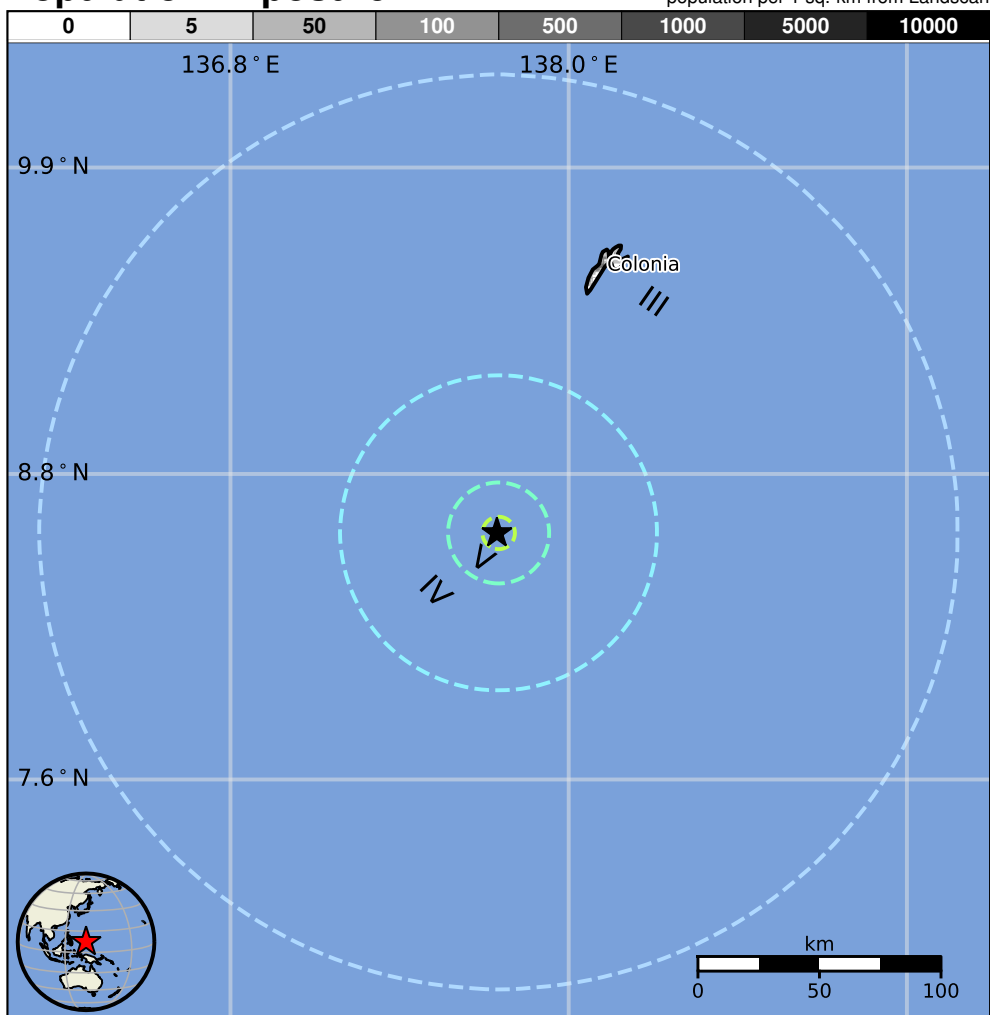


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=x1000) | | —* | 10k | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------------|----------|--------|-------|----------|----------|-------------|------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are informal (metal, timber, GI etc.) and unknown/miscellaneous types construction.

Historical Earthquakes

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1993-09-26 | 179 | 6.3 | V(11k) | — |
| 1988-07-03 | 47 | 6.5 | VI(10k) | — |
| 1990-06-13 | 120 | 5.5 | VII(11k) | — |

Selected City Exposure

from GeoNames.org

| MMI | City | Population |
|-----|---------|------------|
| IV | Ngulu | <1k |
| III | Rumung | <1k |
| III | Colonia | 7k |

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000ddub#pager>

Event ID: us7000ddub